

hoops & yoyo's
super-exciting, frightfully-accurate
pre-date breath test machine!



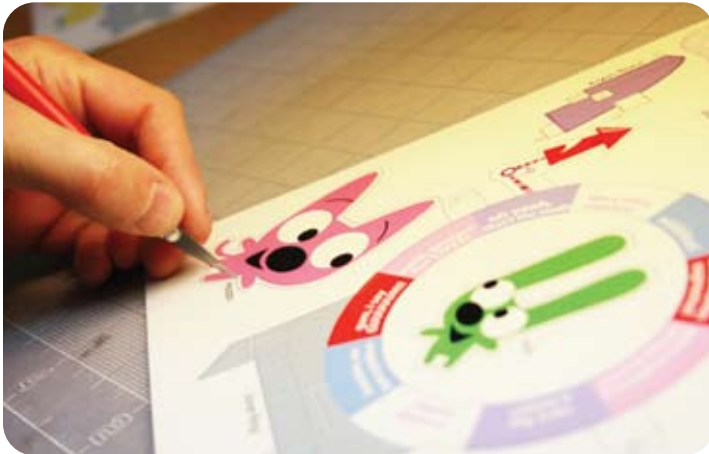
assembly instructions

Step One - *Printing, Cutting and Folding*

1

First up you'll want to print the instructions and the paper model itself.

The parts for the model should be printed on a thick card stock preferably with a glossy finish. The instructions are in color but if you want to save some ink set your printer to black and white.



2

Cut along solid lines and score along dotted lines. Be patient and don't lose heart. It'll be worth it - trust me.

These lines are scored on the printed side

These lines are scored on the non-printed side

Wow!
Look at all those
pieces you just cut out!
Yay you!



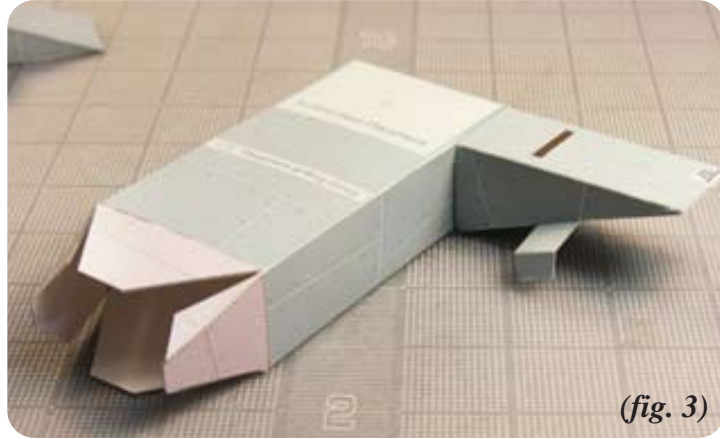
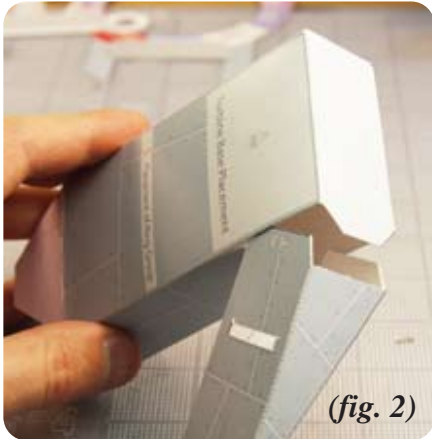
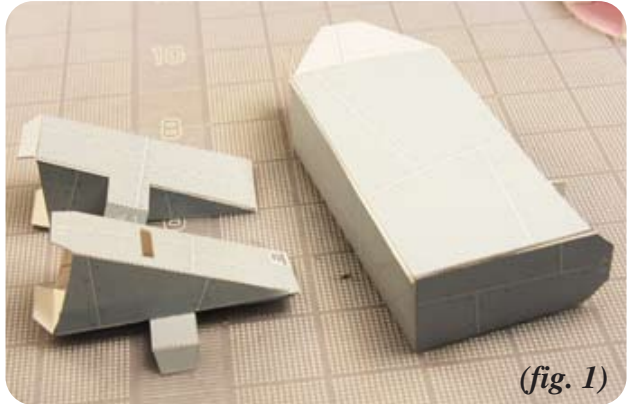
3

Next, go ahead and crease along the lines you scored. You'll be tempted to break out the glue but cool yer jets, Sparky.

Step Two - Assemble the Base

1

Glue the **Base Air Shaft** and **Side Platforms** into shape.



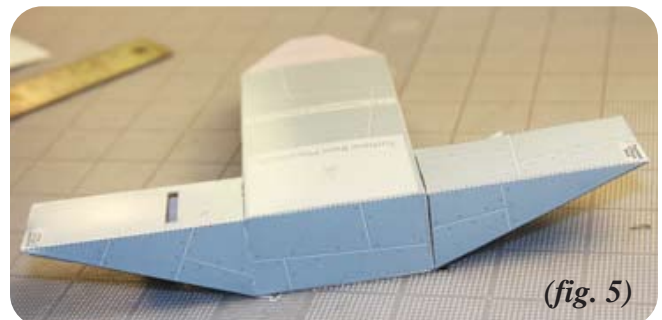
2

Take the **Right Side Platform** and glue the front flap in place to the inside of **Base Air Shaft** (fig 2). Then glue the remaining 3 flaps into place (fig 3).

TIP: Leave the tapered mouthpiece unglued at this point. Use a pencil or pen to press down the flaps you just glued in place (fig 4).

3

Glue **Left** Side Platform into place (fig 5).

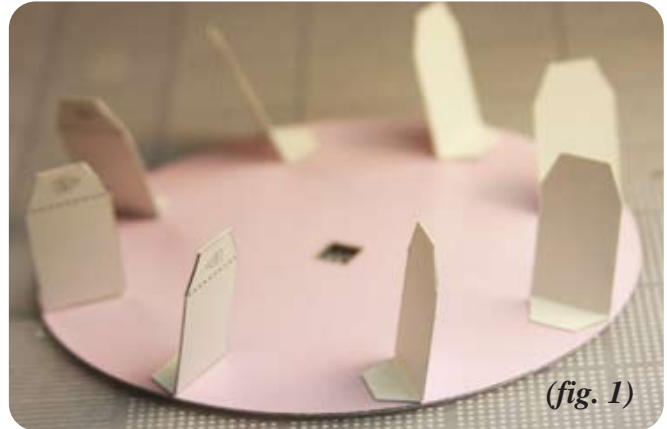


Step Three - Assemble Turbine and Its Base

1

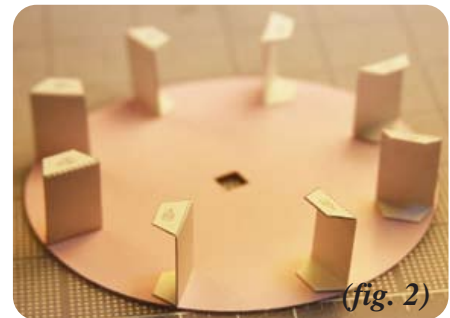
Take the **Rear Plate of Turbine** and glue the **Fins** into place (*fig 1*).

TIP: I found it helpful to leave the upper crease unfolded for the moment and crease after the bottom part is glued in place (*fig 2*).



2

Now, this next part sounds risky but trust me, it's the only way (among dozens) to get this done. Put a dab of glue on each **Fin** flap that you attached to the **Rear Plate of Turbine**. Next, take the **Front Plate of Turbine** and place it down loosely on the waiting **Fins**.



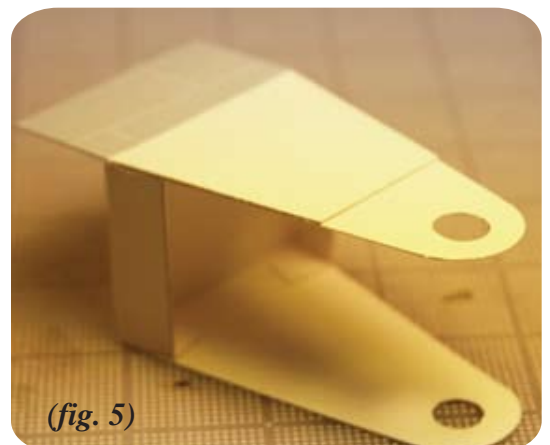
IMPORTANT!!!

Before you set it down make sure the square openings in the middle of the two discs line up and are oriented in the same direction!

Before the glue dries, quickly adjust the **Fin** flaps so they line up with the artwork (*fig 3*)

3

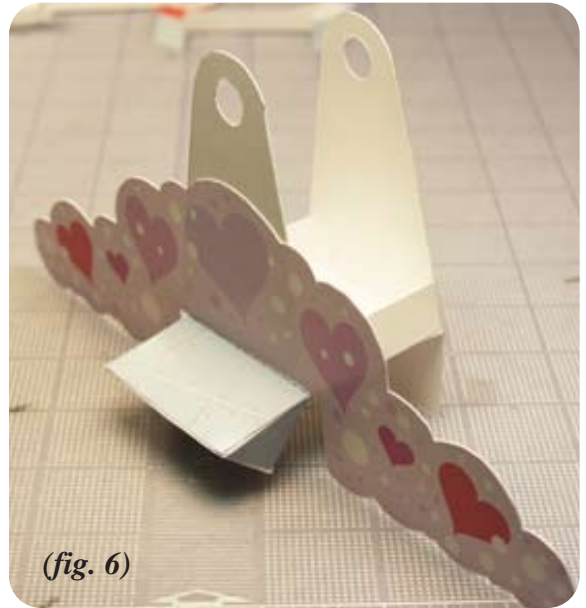
It's on to the **Turbine Base**! Glue the sides of the base to the wheel supports (*fig 4*). Then, glue the **Turbine Base Support** to the side of the **Turbine Base** (*fig 5*).



Step Three - Assemble Turbine and Its Base (cont')

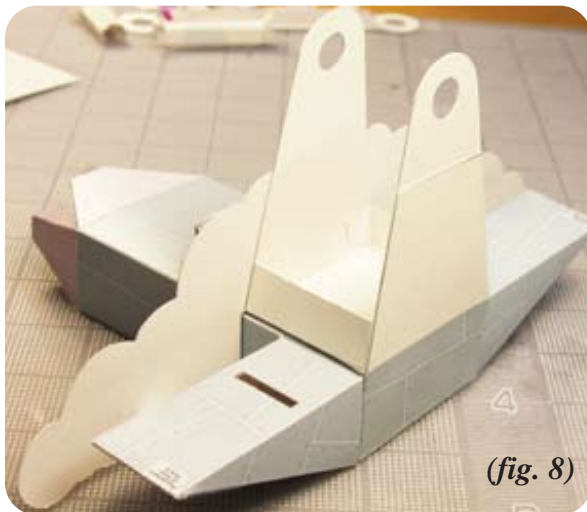
4

Assemble **Heart Cloud** and **Turbine Base** by gluing side flaps in place. Then glue the entire thing onto to **Turbine Base** (figs. 6 & 7).



5

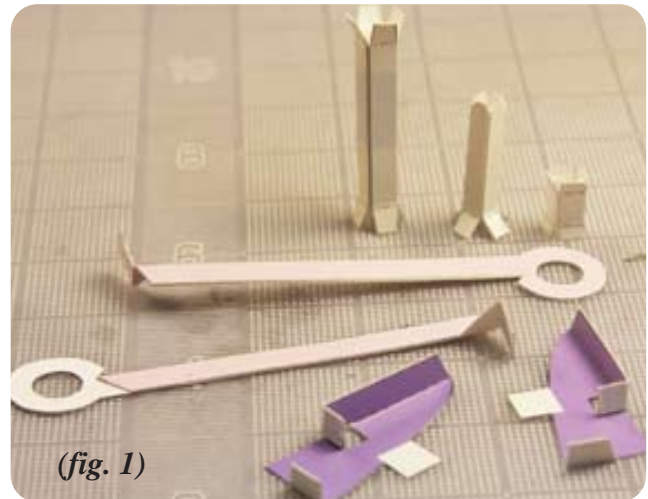
Next, glue entire **Turbine Base** structure onto the assembled **Air Flow Base** (figs. 8 & 9).



Step Four - *Misc. Gluing? No Way! Way!*

1

Glue all three **Shafts**, both **Levers** and the two **Braces** along their respective glue spots (*fig. 1*).



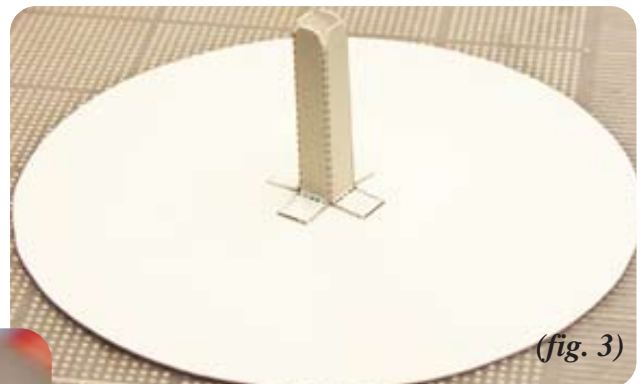
2

Glue the mouth piece of the **Base** together. You can stick a slender pen or pencil through the opening to press the inside flaps in place (*fig. 2*).



3

Glue the **Shaft for Spiral** to the back of the **Spiral** being very careful to line up the tabs around the cut square hole in the middle. (*fig. 3*).



4

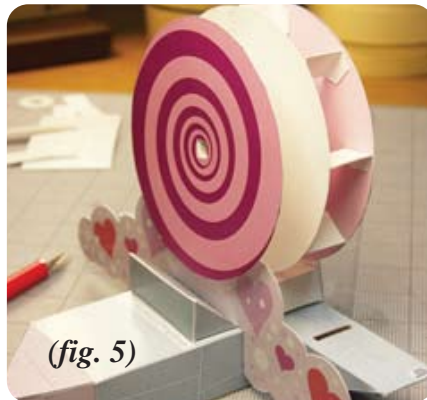
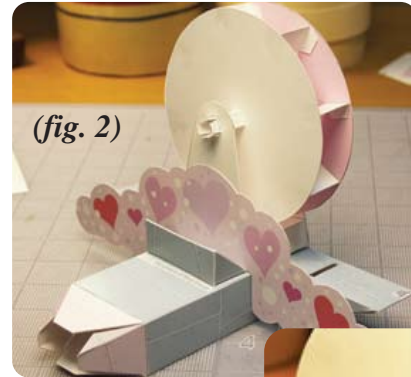
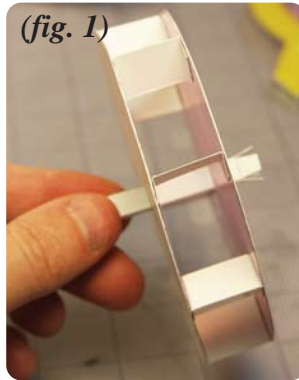
Glue both **Rings** together along their long, horizontal tabs. Also, glue the side flaps on the **Gold Ring** (*fig. 4*).



Step Five - Putting it All Together (The Front)

1

Slide **Turbine** onto the **Main Shaft**. Align it with the markings on the shaft. Insert entire **Turbine** and glue **Front Disc** into place (figs. 1 - 3).

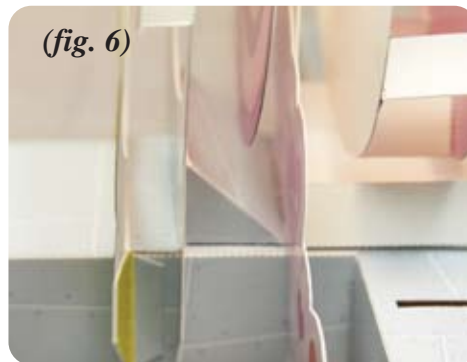


2

Insert **Spiral** and **Spiral Shaft** through hole in **Main Shaft** (figs. 4 & 5).

3

Glue **Ring** structure in place. There are four glue spots for this: One at the base, two on the sides and one at the back. (figs. 6 & 7).



Special Note: There are three tabs on the **Inner Ring** that attach to the **Gold Ring**. First, wait until the Ring structure is in place before attaching these. Second, I recommend attaching these with double stick tape instead of glue. It's very important that these rings stand perpendicular to the base and I found that if I glued them in place they tended to screw up the vertical placement of the rings. You can adjust these supports later if these are taped.

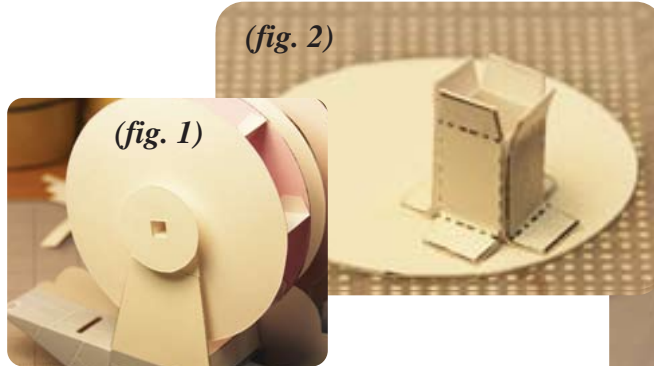
4

Glue **Spinner** to **Spinner Base** and glue to **Spiral**. Sorry, forgot to take a shot of this!

Step Six - Putting it All Together (The Back)

1

Glue **Rear Cap** to back end of **Main Shaft**.
Glue **Short Rear Axle** to **Rear Cam** and attach them to the **Rear Cap** (figs. 1 - 3).

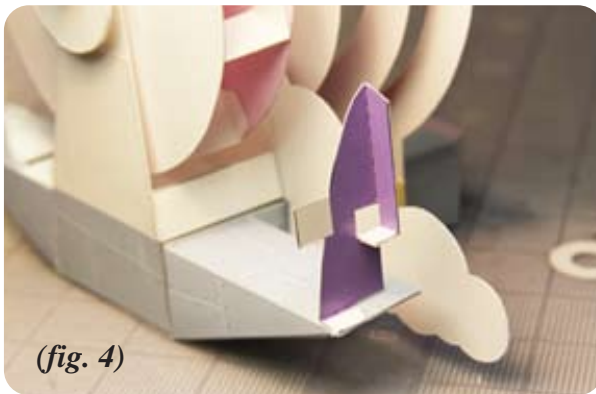


(fig. 3)



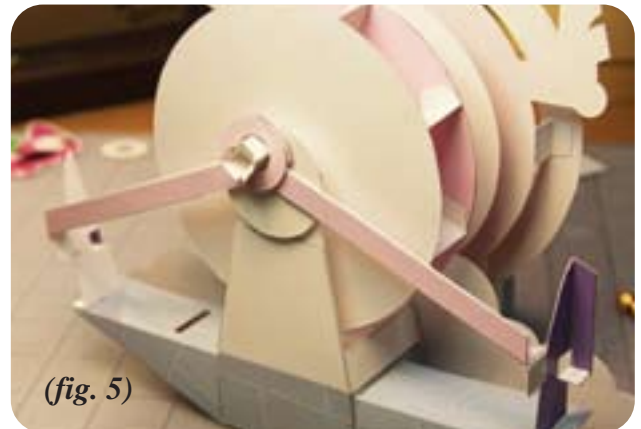
2

Glue Braces into position.
Make sure the purple side faces out.
(fig. 4).



3

Place both levers over the **Short Rear Axle** and glue the ends to their respective **Braces**.
*Note: Make sure the crease on the little square on the **Lever** that attaches to the **Brace** is at the top.*
(fig. 5).

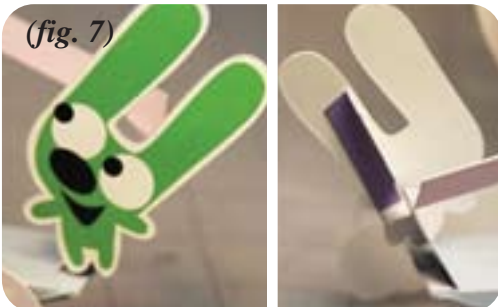


4

Glue characters into position making sure that they don't interfere with the spinning of the **Turbine**.
(figs. 6 & 7).



(fig. 7)



5

Finally, glue the **Back Cap** in place
(fig. 8).



(fig. 8)

Ok, so here's what you should now be holding in your hot little hands! Aren't you proud of yourself? You should be. Now, give it a go and blow into the mouthpiece. The turbine should spin freely.



You can visit www.hoopsandyoyo.com to see this toy in action.

And remember, as long as your breath is fresh this toy will be powered by clean energy!

**Good luck on your date!
Cha! Like you need it!**